

Title (en)  
CONFIGURATION MANAGEMENT SYSTEM AND METHOD FOR USE IN AN RFID SYSTEM INCLUDING A MULTIPLICITY OF RFID READERS

Title (de)  
SYSTEM UND VERFAHREN ZUR KONFIGURATIONSVERWALTUNG ZUR VERWENDUNG IN EINEM RFID-SYSTEM MIT MEHREREN RFID-LESERN

Title (fr)  
SYSTÈME ET MÉTHODE DE GESTION DE CONFIGURATION EXPLOITABLE DANS UN SYSTÈME RFID INCLUANT DE MULTIPLES LECTEURS RFID

Publication  
**EP 1941385 A2 20080709 (EN)**

Application  
**EP 06817065 A 20061016**

Priority  
• US 2006040559 W 20061016  
• US 72745305 P 20051017

Abstract (en)  
[origin: WO2007047677A2] A system and method that facilitates the configuration and control of components of an RFID system, taking into account how the RFID system components are associated with one or more physical locations within an environment in which the RFID system is deployed. A user provides information specifying associations between the system components and the physical locations within the environment to obtain visual representations of configuration data generated therefrom with reference to a facility view, an RF coverage view, and a location view of the data. The facility view serves as a reference plane for placement and orientation of antennas associated with RFID readers, location benchmark tags, and the physical locations of interest. After each antenna is placed and oriented on the facility view, an estimate of the size and shape of the RF interrogation zone of each antenna is computed, and representations of the RF interrogation zones are provided on the facility view to obtain the RF coverage view of the data. Next, the user provides information specifying the physical locations of interest to obtain the location view of the data. A composite of the facility view, the coverage view, and the location view is then generated to obtain an enhanced visual understanding of how the system components and the physical locations exist within the system environment, and how the components and locations are associated with one another.

IPC 8 full level  
**G06F 15/177** (2006.01); **H04W 4/02** (2018.01); **H04W 64/00** (2009.01); **H04W 84/18** (2009.01)

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Citation (search report)  
See references of WO 2007047677A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
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**US 2006040559 W 20061016**; EP 06817065 A 20061016; US 48886309 A 20090622; US 58178806 A 20061016